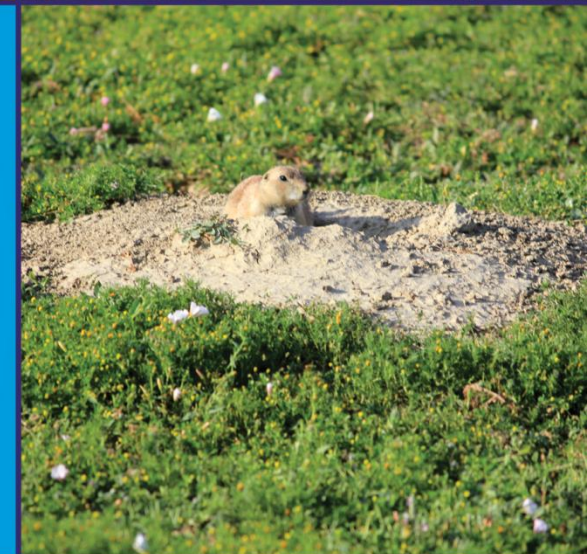


 **MOTOROLA SOLUTIONS**

# State of North Dakota

## SIRN 2020 Status Update

October 26, 2020





# SIRN 2020 October Status Update



- Phase 1 / Group 2 Status-
  - Phase One / Group 2 consist of the following locations (Williston, Cavalier, Bottineau, Dickinson, Central Communications, State Radio)
  - Continue to monitor / expedite equipment shipments (consollette radios, UPS units and other Misc items)
    - Equipment delivery and installation-
      - Cavalier and Bottineau- complete (Cutovers Complete)
      - Dickinson (Equipment configuration and training planned for the wk of 10/26)
      - State Radio (Equipment installation and R56 grounding in process)
      - Cen-Comm delayed due to site construction (Equipment installed, Equipment room power planned for 10/27)
      - Williston (Equipment power up planned for the wk of 10/26)
    - PSAP Training dates-
      - Dickinson (week of 10/26)
      - Cen-Comm (TBD pending construction readiness)
      - Williston (Targeted for the week of 11/30)
      - State Radio (targeted for January)

# SIRN 2020 October Status Update



**1928**  
**2018** | YEARS

- RF Phase Status

- RF site equipment has been delivered to 34 state owned locations
  - 34 RF Site locations has the Equipment installed (bolted down and wired)
  - 34 Locations have the electrical work completed (Ready for Backhaul Connections)
- RF equipment is planned for 18 more locations by Mid-November
  - 4 locations have the RF equipment delivered to the new shelters
  - Completed equipment installation in (2) existing shelters (Grenora and Medicine Hill)
  - 3 locations will have equipment delivered to existing state shelters to prepare for State Radio PSAP cutover
- Civil Work NTPs's have been provided for the following
  - 9 State owned RF locations
    - » Grand Forks, Dickinson, Linton, Milton, Valley City, Minot, Mylo (Tower to ship wk of 11/2), Bismarck-Capital and Dogden Butte
    - » Dickinson location is targeted to start civil work the Wk o 11/2 process (tower foundations, shelter pads, grounding, etc..)
    - » Experienced some tower Anchor steel delays causing the towers shipments to be postponed until Early Nov.
      - (5) towers are targeted to be stacked and completed in November
  - 14 MOU /Lease RF Locations completed
    - » Williston North, Williston South, Medicine Hill, Williston WT , Fire Station #2 , Bismarck/Mandan, Grenora , New Cingular Wireless, Moe Hill, Grand Forks WT, Rocky Mountain Oilfield (lease start- Oct 1<sup>st</sup>), Northwest Comm, Bismarck 7 Seas Simulcast and North Dakota Leasing.
      - Locations are in Civil Construction to prepare for shelter deliveries planned for this year (qty-13)
        - 3 locations are in process of completing the civil work (Grand Forks WT, Dickinson and New Cingular)

# SIRN 2020 October Status Update



**1928**  
**2018** | YEARS

- RF Phase Status Cont.
  - RF Antenna Installs-
    - Antenna and Lines have been expedited and received for the top 10 locations
      - » Antenna and Line crews are in market to perform installation and testing targeted for completion in late November.
      - » Early Adopter locations will be prioritized and will follow shelter delivery schedule.

Site Name	County	Target Shelter Delivery Date	RF Delivery & Install	Target Comercial Power
Williston South	Williams	TBD	TBD	Wk of 11/13
Williston North	Williams	Complete	Wk of 11/2	Wk of 11/13
Moe Hill	Williams	Complete	Wk of 10/26	Wk of 11/13
Rocky Mountain Oilfield	McKenzie	Complete	Wk of 10/26	Mid-Dec
Fire Station 2	Williams	Complete	Complete	30-Oct
Williston WT	Williams	Complete	Complete	28-Oct
Medicine Hill	Williams	Spring 2021	Complete	Complete
Grenora (CO-8)	Williams	n/a	Complete	Complete
Milton	Cavalier	Complete	Wk of 11/2	
Grand Forks	Grand Forks	27-Oct	Wk of 11/2	In process of scheduling
Valley City_1040006	Barnes	29-Oct	Wk of 11/2	
Linton_1040011	Emmons	wk of 11/2	wk of 11/9	
Minot	Ward	wk of 11/2	wk of 11/9	
Grand Forks WT	Grand Forks	wk of 11/9	Wk of 11/16	In process of scheduling
Dickinson_1040010	Stark	wk of 11/9	Wk of 11/16	

- RF Site Turn-up for target 2020 sites
  - Work with State team to schedule backhaul turn up / target dates
    - » Prioritize site optimization activities for Early Adopter locations (targeted to start Late-Nov)
      - Site Optimization will be completed once backhaul is in place

# SIRN 2020 October Status Update



**1928**  
**2018** | YEARS

- RF Phase Status Cont..
- Phase Two / Group 3 (Remaining Sites required for Statewide Mobile Coverage)
  - Customer Design Review completed on 10/13.
  - RF equipment order is in process and will be ordered by 10/30 to help eliminate any equipment delays once the 3<sup>rd</sup> party leases are executed
  - RF coverage review planned for Mid-Nov to start planning 2021 build schedule
    - Determine any locations that need to change due to lease constraints to pursue alternates as quickly as possible

# SIRN Build Out : NEXT STEPS



- Phase One / Group 2 (Cavalier (Complete), Bottineau/Renville (Complete), Stark/Dickinson (wk of 11/9), CenCom (TBD), Williston-UMRRDC (Wk of 12/15) , State Radio (Late Jan 2021)
  - Work with PSAP managers to schedule console training with their staff
  - Work with NDITD to shedule backhaul install / testing for 3 open locations
- Phase 1 / Group 3 (Planned locations- Mountrail, MHA Communications Center, Walsh State Communications, Lake Region 911, McKenzie and Williston UMRRDC-New Airport)
  - Fiber diveresity is in process to prepare for this group
  - Customer Design Review (CDR) is targeted for December to review and finalize implemenation and equipment needs
- Phase 2 / Group 1 (State Owned Locations)
  - Continue RF site equipment Installations
  - Execute site construction activites planned
- Phase 2 / Group 2 (Early Adopters)
  - Execute Early Adopter location Civil Work for Shelter deliveries, Antenna and Line installation and Equipment installs
  - Continue MOU / Leasing process with identified 3<sup>rd</sup> party locations for the (4) open locations
  - Prioritize Early Adopter RF Site Optimization Resources for (10) locations targeted to be turned up by the End Of Year
    - Drive site power activites with local electric companies
    - Work with team to get backhaul activites planned and compelted
- Phase Two / Group 3
  - Start FCC licensing for the remaining 20 state wide mobile coverage locations once sites are “locked”